

CLAIMS

1. Procedure to transmit streamed information at a wireless
tele- and data communication network to a terminal with
5 video client, where streamed information is divided into
high prioritized data, I-frames, and low prioritized data,
P-frames, said high prioritized data are transmitted via a
separate medium, whereas low prioritized data are transmit-
ted over a standard channel, in order to after that show
10 high and low prioritized data in correct sequence
continually in the terminal, characterized in a system
(100) which includes: a terminal (106), a network (102), at
which the network includes: a streaming server (108), an
MMS-server (110), in that the network there is selected
15 information from where streaming data are derived, at which
the terminal includes an MMS-client (202), a streaming
client (204), and a streaming buffer (206) to buffer
streaming data, and a presentation/display unit (208) to
show information, that the procedure consists of buffering
20 a first time interval of streaming data, to show/display
the first information on the display unit (208), and at the
same time as the first information is shown on the display
unit (208), new streaming data are transmitted/transferred,
and in that high prioritized data are transmitted via MMS
25 and low prioritized data are transmitted via streaming.

2. Procedure as claimed in patent claim 1, characterized
in that MMS is used as an initial notification for the
medium.

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3. Procedure as claimed in claim 1 or 2, characterized in
that just any amount of high prioritized data can be
transmitted in an MMS.

4. Procedure as claimed in any of the patent claims 1-3, characterized in that all high prioritized data are transmitted via MMS at short video sequence.

5 5. Procedure as claimed in any of the patent claims 1-3, characterized in that asymmetrical high prioritized data are transmitted via MMS at long video sequences.

6. Procedure as claimed in patent claim 5, characterized
10 in that before a streaming service is initialized, an MMS is initially transmitted to the terminal which has requested/asked for the service; the MMS includes on the one hand buffer data, and on the other information about the data flow as such, that the streaming client can start
15 streaming of buffer data without delay.

7. Procedure as claimed in patent claim 5, characterized in that the procedure includes:

a first step (302) that the terminal (106) receives an
20 MMS- notification to the streaming session,

a second step (304) to activate transmission of buffer data from the streaming server (110) to the streaming client (204),

a third step (306); the streaming client (204)
25 places/puts the enclosed information in its streaming buffer (206),

a fourth step (308); the terminal initiates a session with the streaming server (108) which starts streaming back the rest of the information,

30 a fifth step (310); the streaming server (108) transmits information to the streaming client (204),

a sixth step (312); the streaming client places/puts the information in the streaming buffer (206).

8. Computer program including program steps for execution of the steps in a procedure according to any of the patent claims 1-7.

5 9. Computer with readable medium including instructions for execution of the steps in procedure according to any of the patent claims 1-7.

10 10. System (100) for controlling buffering of streaming data in a wireless tele- and data communication network, upon transmission of streamed information at said wireless tele- and data communication network to a terminal with video client, where streamed information is divided into high prioritized data, I-frames, and low prioritized data,
15 P-frames, said high prioritized data are transmitted via a separate medium, whereas low prioritized data are transmitted over a standard channel, in order to after that show high and low prioritized data in correct sequence continually in the terminal, characterized in that said
20 system includes a terminal (106), and a network (102), which network includes a streaming server (108), and an MMS-server (110), in that the network is that part from which streaming data are derived, in that the terminal (106) includes an MMS client (202), a streaming client
25 (204), a streaming buffer (206) for buffering a first time interval of streaming data, and a presentation/display unit (208), and in that said system is arranged to transmit high prioritized data via MMS and low prioritized data via streaming.

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11. Terminal (106) in a system (100) for controlling buffering of streaming data in a wireless tele- and data communication network, which system (100) comprises the special features defined in claim 10, characterized in

that said terminal (106) includes an MMS client (202), a streaming client (204), a streaming buffer (206), at which the terminal handles buffering of a first time interval of streaming data, and a presentation/display unit (208).